

Notice of Allowability

Application No.

09/802,512

Examiner

Mary Kate B Baran

Applicant(s)

HSIUNG ET AL.

Art Unit

2857

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendments filed 14 September 2004.
2. ☒ The allowed claim(s) is/are 1-29,31-51 and 54-59.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 9/30/2004
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



PATRICK ASSOUD
PRIMARY EXAMINER

DETAILED ACTION

Response to Amendment

1. This action is responsive to the Amendments filed 14 September 2004. Claims 1-29, 31-51 and 54-59 are pending. Claims 1, 11, 21, 31, 33, 54, 56 and 58 have been amended. Claims 52 and 53 have been cancelled.

Drawings

2. The drawings filed on 17 December 2001 are acceptable subject to correction of the following informalities: the drawings are objected to because Figure 1 has unlabeled boxes.

In order to avoid abandonment of this application, correction is required in reply to the Office action. The correction will not be held in abeyance.

Allowable Subject Matter

3. Claims 1-29, 31-51 and 54-59 are allowed.

4. The following is an examiner's statement of reasons for allowance:

Claims 1-10, 21-29, 32-51 and 54-59 are allowable over the prior art because, a system for monitoring an industrial process, the system comprising an output module coupled to a process controller, the output module being adapted to output a result based upon a determining step and the external system, wherein the external system

corresponds to a second process that is substantially duplicative of the process for manufacture of a substance is not found, taught or suggested in the prior art of record.

Claims 11-20 are allowable over the prior art because, a system for monitoring an industrial process, the system comprising an output module coupled to a library module and the external system, the output module being adapted to output a result based upon the external system, the predetermined training set, and the plurality of process parameters; wherein the external system corresponds to a physical process that provides data to the process controller to be used to compare against the plurality of parameters obtained from the process for manufacture of a substance or object is not found, taught or suggested in the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

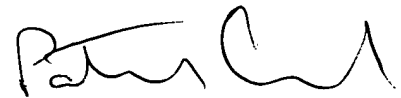
Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Kate B Baran whose telephone number is (571) 272-2211. The examiner can normally be reached on Monday - Friday from 9:00 am to 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marc S Hoff can be reached on (571) 272-2216. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

30 September 2004

A handwritten signature in black ink, appearing to read 'Patrick Assouad', with a stylized flourish at the end.

**PATRICK ASSOUD
PRIMARY EXAMINER**